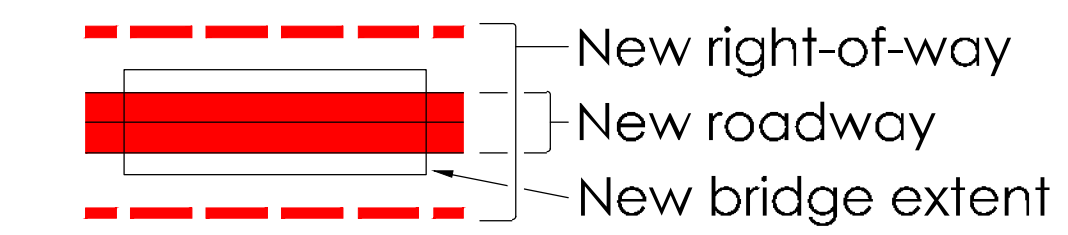


# Alternative 4



Any movable bridge type



## Engineering

- + The new bridge accommodates two lanes of traffic, which will improve traffic operations
- Opening the bridge to accommodate boat traffic will result in traffic delays (similar to existing)
- + The new bridge accommodates pedestrian and cycling facilities
- + The roadway profile provides relatively flat grades for pedestrians and cyclists
- Requires minor local road connections
- The structure type (movable) is not common in Ontario and requires specialized fabrication and construction techniques
- Impacts fiber optic facilities
- + Does not impact hydro facilities
- + Lower construction cost when compared to the fixed bridge or tunnel alternatives
- Higher operating and maintenance costs when compared to the fixed bridge and tunnel alternatives

## Environment

- + Smaller footprint when compared to fixed bridge alternative, and lower potential impacts to terrestrial ecosystems, potential species of conservation concern and environmentally sensitive areas

## Community

- + Does not impact any existing residential dwellings
- Requires acquisition of approximately 3.5 ha of land
- Opening the bridge to accommodate boat traffic could impact emergency response and evacuation access (similar to existing)
- + No impacts to existing walking trails and municipal park
- + No change to access to Little Current business areas
- Potential impacts to potential contaminated lands on Goat Island
- + Provides an opportunity for replacement with a sympathetically designed structure
- + Provides an opportunity to relocate the existing bridge as a monument